# **Aviation Week**

Including Space Technology

cents A McGraw-Hill Public

July 14, 1958

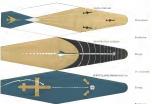
Mach 3 Aircraft Designs Pushed

Area Rule Aids Jet Transports



### DRONE and SMALL MISSILE SYSTEMS

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# AVIATION CALENDAR

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PRESSURE POTENTIOMETERS Beyond the Specifications

the Total Engineering Story



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#### AVIATION CALENDAR

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products that SEE by themselves . . .



# Magnavox

gives the Crusader EYES!

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THE MACNAYOR COMPANY



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B. MICH. SHE PA Personn is Our Most Innectant Plants I GENERAL & ELECTRIC

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A DEPARTMENT IN THE DEFENSE ELECTRONICS DIVISION

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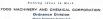
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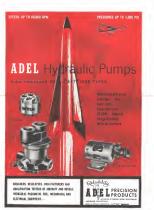














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THE SINGER MANUFACTURING COMPANY

Military Products Preisten



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# For the world of small business -

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# EDITORIAL

## MATS Needs an Overhaul

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..... CHANNELING THE AIRWAVES......

## A project of Colonel Edward A. Allen (USA Ret.) Senior Staff Engineer, Storid Engineering, Inc.

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# OTHER STATE

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### Poor Outlook

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#### Federal Aviation Delay

#### Legol Roadblock



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AVEATION WEEK, July 14, 1908

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### Navy Asks Industry Aid in ASW Battle By Cool Bayenlow

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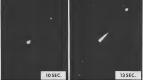
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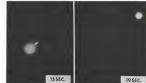
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# News Digest

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AVANDON WEEK, July 14, 1938

# AIR TRANSPORT Senate Fiscal Group Plans MATS Study

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USAF Technology

By L. L. Deby

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# USAF Surveys Viscount Crash



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AWATEN WEEK JULY 16, 1959

AMB Delineates

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# REPORT ON

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# WESTERN'S THRU CHAMPAGNE FLIGHTS°





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Today's air power in action:



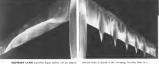
# One-shot rocket blasts entire attacking fleet

Early last number at Yuon Plats, Nevada, antiitary observes any the first demonstrature of a new concept in defense waspen—the Dougha Gente... Today this formidable nuclear missile is on operational daty with the Air Force—at the primary air-co-sit beforce missile in the U.S. armoni. The stabley Genie rocket in compact enough to be haveled by a fast interceptor—yet can knock out an eating feet of bonshers with a single but or in mear mins. Designed primarily for use against high slittled jets, Genic's atomic warband can be first without yellowather follows: In them analysis and without yellowather follows: In them analysis and stack kitolos over our own or fraudly territory. Rapid development of Genie from edisgia and test stages into quantity production is typical of the speed and thereoglithess of the Deoglas approach. To date Deoglas has produced almost twenty thousand experimental and openhered installes for the Army, Navy and Air Porce in oil flow easier conference in the Outy, nitro-barriator, surface-to-air and surface-to-air, nitro-air, nitro-air, surface-to-air and surface-to-air face.

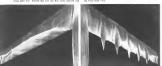








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ANATION WEST, July 14, 1959



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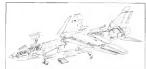
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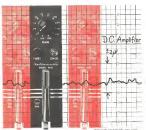
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And Container Acts As Assembly Guide

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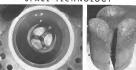
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## Airborne Spiral Antennas Minimize Drag

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by John V. Long, Director of Besearch, Solar Airmait Company

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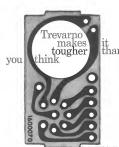


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